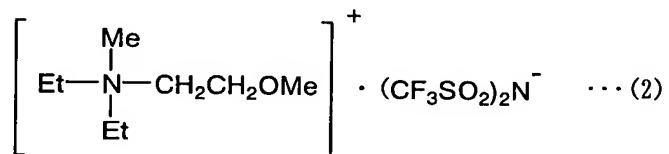


ABSTRACT

Disclosed is a method for photolyzing organic matters
5 by which various organic matters including harmful organic
matters can be photolyzed quickly. Also disclosed is an
efficient method for treating wastewater which utilizes the
photolyzing method. An organic matter is photolyzed in a
reaction system containing a photocatalyst and a hydrophobic
10 ionic liquid represented by the formula (2) below.



[In the formula, Me represents a methyl group and Et represents an ethyl group.]